
From: Salbosa, Lasha-lynn
To: Cobb, Coralie H CIV NAVFAC SW, SWEV
CC: Scarborough, Jennifer CTR OASN (EI&E); Rice, Jacqueline D I&L, MCICOM; Powell, Jeffrey S
CAPT OASN EI&E; Jacqueline Flores; Toni Mizerek; Catherine Brunson; Darren LeBlanc; Eric Hein;
Mary Abrams
Sent: 6/28/2017 4:10:23 PM
Subject: Re: [Non-DoD Source] Draft Follow-up Items from Today's meeting, June 22 (DON Guam 2017 BO)

Thanks for this Coralie; I'm reviewing now.

Regarding the noise contours:

Item #4. I have sent you the GIS layers of noise contours (item #4) via AMRDEC. I sent the files to you and Toni (if others would like the GIS data, please let me know).

I downloaded the AMRDEC file early this morning, however I'm unable to open it. It has a file extension .ldb -- which is not recognizable. It's a type of Microsoft access file but incompatible with ArcGIS. I'm sure you received my earlier email and are already on it.

Thanks, Lasha

On Wed, Jun 28, 2017 at 10:46 AM, Cobb, Coralie H CIV NAVFAC SW, SWEV

< (b) (6) > wrote:

Lasha,

For our meeting today I have some language and submittals to work off of....

Item #1. We would suggest refining the language in the 2010 BO to address reporting requirements.

Item #2. The language below is our recommendation on how to modify language the text relating to establishment of the Forest Enhancement sites:

"1. The core of DON's conservation measures, intended to avoid, minimize, and contribute to the recovery of listed species, are focused on forest enhancement sites (North Finegayan and Finegayan), the NWF ungulate exclusion fence and BTS exclusion fences (one within the North Finegayan forest enhancement site and the other within the Finegayan forest enhancement site)(Figure 4). The DON's primary goal is to take an ecosystem approach to restoring, enhancing, and managing the limestone forest on DoD lands in support of range sustainment efforts on Guam (DON 2017b).

As stated in the 2015 Biological Opinion, the DON will implement a forest enhancement project on approximately 1,000 acres in Finegayan (Figure 4). The forest enhancement project will include:

- Installation of ungulate exclusion fences around approximately 1,000 acres
- Active removal of ungulates (i.e. trapping, snaring, shooting) with the goal of eradication within the fenced areas
- Invasive plant removal
- Propagation, planting, and establishment of dominant and rare species characteristic of native limestone forest habitats (e.g., *A. mariannensis*, *G. mariannae*, *F. prolixa*, *M. citrifolia*, *C. micronesica*, *W. elliptica*, *S. nelsonii*, *H. longipetiolata*, *T. rotensis*).

The Conservation Measure has been modified from the 2015 Biological Opinion to allow for the translocation/outplanting of *T. guamense*, *D. guamense*, *B. guamense*, and Mariana eight-spot butterfly host plants [*P. pedunculata* and *E. calcareum*) within the forest enhancement sites.

Since 2015, the DON has refined the forest enhancement conservation measure to include the following:

1. The North Finegayan forest enhancement site (approximately 650 ac (263 ha)) will be fully enclosed by an ungulate exclusion fence (Figure 4) that will be maintained and monitored throughout the life of the project.
2. The Finegayan forest enhancement site (also referred to as the Finegayan outplanting site and is approximately 455 ac (184 ha)) will be located within the Main Cantonment area of Finegayan. The entire site will include ungulate control and be enclosed with a permanent fence (Figure 4) that will be maintained and monitored throughout the life of the project. Signage and other educational measures would be implemented to limit access to the Finegayan outplanting site.

The process for initiating forest enhancement activities remains unchanged from the 2015 Biological Opinion, "when a DON-related project is initiated that results in clearing of recovery habitat, a commensurate amount of forest enhancement will begin. The exact amount of recovery habitat that will be cleared will depend on final design specifications. The DON's forest

enhancement project will enhance at least the same number of acres of recovery habitat as that cleared by the proposed action. The DON expects that approximately 1,000 acres of forest will need to be enhanced as part of the Project Description (Table 6). The timeline for initiation of forest enhancement projects will be based on the construction timeline for the proposed action. The first construction project that will clear recovery habitat will trigger the initiation of forest enhancement. The sequence of forest enhancement will be: (1) ungulate exclusion fence, (2) ungulate removal, (3) invasive plant control, and (4) native plant establishment."

An overview of the DON's general process for forest enhancement and restoration activities is outlined below (DON 2017b):

1. Identify forest restoration/enhancement blocks.
2. Map the proposed forest restoration/enhancement area boundaries.
3. Receive authorization for specific area of forest to be restored or enhanced and vegetation clearance approach for permanent ungulate fences, and access-grid trails, and temporary cross fencing.
4. Obtain clearance for any ground disturbing activities from an UXO specialist. Perform forest inventory for species density and dominance.
5. Construct permanent ungulate exclusion fence around perimeter of the enhancement site.
6. When fencing is complete, begin ungulate removal program.
7. Monitor ungulate removal program. Based on ungulate monitoring results, implement further ungulate control activities to achieve ungulate eradication.
8. Develop an invasive plant removal and native plant species outplanting and establishment plan based on the forest inventory.
9. Once ungulates are eradicated from the enhancement site, begin invasive species removal.
10. During the wet season, implement the out-planting of the enhancement site(s).
11. Annually, conduct vegetation and ungulate monitoring and if necessary, repair fencing, implement further ungulate removal activities, invasive plant removal and outplanting.
12. If a typhoon occurs during the forest enhancement process, fences will be inspected, repaired and if fences have been breached conduct necessary ungulate control.

The DON understands that restoration/enhancement of a forest is a long-term program, requiring a sustained effort for 30 or more years (DON 2017b, p.1). Ongoing projects and management efforts would be coordinated and integrated with future management efforts to achieve the long-term goal of restoring and enhancing habitats for native species, including listed species."

Item #4. I have sent you the GIS layers of noise contours (item #4) via AMRDEC. I sent the files to you and Toni (if others would like the GIS data, please let me know).

Item #7. Attached to this e-mail are the revised citations for COMNAVMAR, Marianas Training Manual (item #7). I am working with the range folks to revise the language in the project description to reflect the attached information. I will send you the revised paragraph once I hear back from them.

Item #8. We propose the following language "Project 1: GMK MOA 10-Year Plan (Plan) – The DON is developing a 10 year plan to identify, develop and implement specific management activities and projects on the 5,234 acres of durable habitat identified. The purpose of the Plan is to identify and focus on the quantitative, scientifically defensible criteria needed for successful reintroduction of the GMK on Guam."

We can discuss the above and the outstanding items on our call today.

Thank you.

Coralie

-----Original Message-----

From: Salbosa, Lasha-lynn [mailto:(b) (6)]

Sent: Thursday, June 22, 2017 9:01 PM

To: Cobb, Coralie H CIV NAVFAC SW, SWEV; Scarborough, Jennifer CTR OASN (EI&E); Rice, Jacqueline D I&L, MCICOM; Powell, Jeffrey S CDR OASN EI&E

Cc: Jacqueline Flores; Toni Mizerek; Catherine Brunson; Darren LeBlanc; Eric Hein

Subject: [Non-DoD Source] Draft Follow-up Items from Today's meeting, June 22 (DON Guam 2017 BO)

Hi all,

Because I will be out of the office tomorrow, I wanted to send you all a quick list of follow-up items that were identified during our meeting today. These are according to my notes and I likely missed some things -- so here's our running list, please modify/add to it.

Follow-up Items:

1. Refine language for reporting requirements
2. Refine/modify language relating to establishment of the Forest Enhancement sites
3. Consultation history section -- send revised version and incorporate today's discussion, especially re: the JRM survey report; keeping in mind the purpose for the section.
4. GIS layers of noise contours
5. ITS statement -- revise and resend ITS to DON as an FYI
6. Edge effects -- send DON revised edge effects white paper as an FYI; we will accept and to the extent possible, address DON comments -- but this will not affect the BO timeline.
7. Need revised citation and document for COMNAVMAR, Marianas Training Manual
8. Refine language regarding progress of the GMK MOA

**I'd like to complete items 1, 2, and 8 early next week. So we'll be in touch on that. Item #5 will likely be last, as that also requires modifications to the effects analyses.

Again, please add to this list if I missed something and we can recirculate a 'final follow-up list' if needed.

Thanks again folks, and enjoy your evening.

Aloha, Lasha

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